



NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

2024-2025 ACADEMIC YEAR

**DPC200 YEAR 2 PRACTICAL COMMITTEES
MATERIALS & EQUIPMENT LIST**

DPC200 EQUIPMENT COMMONLY USED IN PRACTICAL SUBCOMMITTEES

Models

- Frasco Ag-3 (Original) Lower-Upper Jaws (2 Pcs)
- Frasco Replacement Teeth (Original) – varies by subcommittees - see related subcommittee list.

Rotary Devices

- Micromotor + Micro-motor Arm
- Contra-angle hand-piece
- Burs for contra-angle – varies by department – see related department list
- High speed handpiece (Air turbine)
- Straight hand-piece
- Lubricant for hand-pieces

Hand Tools

- Explorer (probe) (3 pcs: 2 curved, 1 straight)
- Tweezers (2 pcs)
- Cement mixing glass slide (5 pcs)
- Cement spatula (3 pcs)
- Excavator (2 pcs)
- Plastic (2 pcs)

Other instruments

- Hand blower
- Spirit burner
- Pink wax
- Name tag
- Toothbrush
- Small pliers
- Transparent zip lock plastic bag (small - for teeth model)
- Sticker Label for student to write their name on and stick it on the zip lock bag
- Permanent marker - fine tip (small)
- Small Phillips screwdriver (for removing and installing teeth)
- Scissors
- Tarp or disposable protective cover (40x70 cm)

Protective equipment

- Surgical mask
- Gloves
- Surgical or Bouffant caps
- Protective goggles
- Long-sleeve white lab coat
- Protective face shield

In addition to the materials listed above, other materials and equipment that will be used in different practical subcommittees are listed under the regarding practical subcommittee.

PROSTHODONTICS SUBCOMMITTEE

- Frasco replacement teeth (Original)
- Self-cure acrylic resin (white) (powder/liquid) (for temporary crown/bridge fabrication)
- 2 occlusors
- Flexible mixing bowl & alginate/plaster spatula
- Isolant & brush
- Pumice
- Alcohol
- Spatula (Wax spatula + Modeling Spatula)
- Glass dappen dish
- Articulating paper
- Reinforced plaster
- Plaster (white)
- Plaster knife
- Type C Impression Material (Heavy Body + Light Body + Activator)
- Alginate Impression Material
- Prefabricated Metal Impression tray (no 2)
- Die pin
- Inlay wax
- Frasco silicone matrix (upper and lower jaw)

Contra-angle burs

- Fissure (3 pieces)
- Chamfer (3 pieces)
- Flame (3 pieces)
- Football (bowling pin) (3 pieces)

Straight handpiece burs

- Monster (Hard) Bur
- Pink Stone Bur
- Bristle Bur
- Felt Bur
- Cotton Bur
- Sanding Bur
- Carbon Separation Bur

RESTORATIVE DENTISTRY SUBCOMMITTEE

Individual Buying Materials

Artificial Teeth

- Frasco transparent block - 1 set - model no: A-PT product link
- Frasco replacement teeth model - at least 8 of each
- Upper 1st Molar
- Upper 2nd Molar
- Upper 1st premolar
- Upper 2nd premolar
- Lower 1st Molar
- Lower 2nd Molar
- Lower 1st premolar
- Lower 2nd premolar

Hand Tools

- Periodontal probe (mm marked) → 2 pcs
- Bal burnisher for cement placement → 0.7 mm or less - variable sizes 3 pcs
- Amalgam gun
- Amalgam condenser (flat end) → 1 mm or less - variable sizes - 3 pieces
- Amalgam condenser (serrated end) → 1 mm or less - variable sizes - 3 pcs
- Carver (conical) → 2 pcs
- Carver (clenoid) → 2 pcs
- Burnisher (egg) → small - variable sizes - 2 pieces
- Excavator → 1 mm or less - 2 pcs

Burs/drills for Rotary Devices

- Diamond Round bur (black or green) - Diameter 1-0.7 mm (diameter code 010 - 007) - 10 pcs
- Diamond Needle bur (red) → at least 5 mm long - 3 pcs
- Diamond Fissure/cylinder bur (red) - Diameter 0.8–0.7 mm (diameter code 008–007), at least 5 mm long - 10 pcs
- Diamond Fissure/cylinder bur (black or green) - Diameter 1–0.7 mm (diameter code 010–007), minimum 5 mm long - 10 pcs
- Diamond inverted cone bur (black or green) - Diameter between 0.8–0.7 mm (diameter code 008–007) - 3 pcs
- Amalgam polishing points (brown, green, yellow, white) 3 sets
- Arkansas stone - narrow tapered tip - 3 pieces

Matrix Systems and bands

- Tofflemire matrix - 2 pcs
- Ivory matrix - 1 piece
- Tofflemire matrix band - 1 box (5mm x 0.05mm)
- Ivory matrix band - 1 pack (3 hole - high)
- Ivory matrix band - 1 pack (3 hole - short)
- Ivory matrix band - 1 pack (2 holes - short)
- Anatomically formed interdental wedge (different sizes - as a set)

RESTORATIVE DENTISTRY SUBCOMMITTEE

Group Buying Materials

Base and liner materials

- Zinc phosphate cement - powder/liquid (for each 3 students)
- Glass ionomer cement - powder/liquid (3 students)
- Calcium hydroxide base material - paste/paste (Dycal, Kerr Life or other brands) (1 pack per group (A/B))
- Capsule amalgam 1 serving - 1 box (6 students)
- Capsule amalgam 2 servings - 1 box (6 students)

Other materials

- Composite polishing disc (1 set) - (3 students)

ENDODONTICS SUBCOMMITTEE

Uniform

- White Scrubs (top & pants)

Hand Tools

- Endodontic explorer/probe (DG#16)

Burs & Drills

- Endo Z Bur (compatible with a contra-angle handpiece)
- Diamond Round Bur (size: small-medium-large, compatible with a contra-angle handpiece)
- Diamond Fissure burs (size: fine and long, compatible with contra-angle handpiece)
- Gates-Glidden Drills 1-6 assorted (2 sets)

Consumables

- **Hand Files**

- K- type Endodontic Files
 - No: 06 – 25mm (2 sets)
 - No: 08 – 25mm (2 sets)
 - No: 10 – 25mm (2 sets)
 - 15-40 Assorted – 25mm (1 set)
 - 45-80 Assorted – 25mm (1 set)
 - 15-40 Assorted – 31mm (1 set)
 - 45-80 Assorted – 31mm (1 set)
- H-type Endodontic Files
 - 15-40 Assorted – 25mm (2 sets)
 - 45-80 Assorted – 25mm (1 set)

- **Gutta-Percha**

- Gutta Percha 15-40 Assorted
- Gutta Percha 45-80 Assorted
- Gutta Percha No. 20
- Gutta Percha No. 25

- **Paper Point**

- Paper point 15-40 Assorted
- Paper point 45-80 Assorted

- **Spreader**

- Finger Spreader 15-40 Assorted (1 set)

Other materials & equipment

- Endomethasone Root Canal Filling Paste (Powder & liquid) (*Jointly purchasable)
- 2ml Dental injectors with a fine needle (15 pieces, needle size: 27G)
- Self-developing dental x-ray films (*jointly purchasable)
- Dental x-ray protective pouch/sleeve
- Dental metal tray (Large size)
- Cold cure acrylic (preferably transparent)
- Paper towel
- Disposable protective cover (baby diaper changing mat) (to cover the table)
- Dental magnification loupes with light source (at least magnification x3) (Loupes use is recommended for a clear vision during procedures, but **NOT COMPULSARY**)

Extracted real teeth (decay free)

- Maxillary & Mandibular Anterior Teeth (Central, Lateral Incisors and Canine)
- Maxillary & Mandibular Premolars (Maxillary premolars should be two-rooted, Mandibular premolars single-rooted)
- Maxillary & Mandibular Molars (preferably not 3rd molars)

NOTE: *Plastic model teeth with root canals, produced for endodontic purposes, are not recommended at all because they are expensive and do not imitate real teeth well, but will still be accepted for those who cannot find extracted real teeth.*

Plastic model teeth for endodontic practice:

